

WEST Search History

DATE: Monday, May 07, 2007

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L34	L33 and ((variable same density) or VDS or ((chang\$4 or alter\$3 or adjust\$3 or modif\$3) same density))	7
<input type="checkbox"/>	L33	L32 and (rate or velocity or speed or accelerat\$4)	34
<input type="checkbox"/>	L32	L31 and (measure or measurement or value or number or amount or level or measur\$3 or linear or equation)	41
<input type="checkbox"/>	L31	L30 and (pixel or voxel or ((volume or picture) same element))	41
<input type="checkbox"/>	L30	L29 and (path or trajectory or profil\$4 or rout\$3 or direction)	53
<input type="checkbox"/>	L29	L28 and (gradient)	55
<input type="checkbox"/>	L28	L27 and ((coil or antenna or probe or winding) same (sensitive or sensitivity or sense) same (imag\$4))	58
<input type="checkbox"/>	L27	L26 and ((intermediat\$3 or middle or second or secondary or middle or "inbetween" or additional\$2 or auxiliary or auxilliary or separate or individual\$2) same (imag\$4))	61
<input type="checkbox"/>	L26	L25 and ((calibrat\$4 or reference or preliminary or prescan\$4 or pre-scan\$4 or trial or base or index or "look up" or look-up or LUT or first or initial\$2) same (imag\$4))	61
<input type="checkbox"/>	L25	L24 and ((field-of-view or "field of view" or FOV) same (space or spatial or spatially) same (resolv\$4 or resolvability or resolut\$4) same(frequency or readout or read or read-out or "read out"))	61
<input type="checkbox"/>	L24	L7 and ((field-of-view or "field of view" or FOV) same (resolv\$4 or resolvability or resolut\$4) same(frequency or readout or read or read-out or "read out"))	78
<input type="checkbox"/>	L23	6556009	22
<input type="checkbox"/>	L22	L19 and ((frequency or readout or read or read-out or "read out") same (direction))	7
<input type="checkbox"/>	L21	L19 not L20	5
<input type="checkbox"/>	L20	L19 and ((space or spatial or spatially) same (resolv\$4 or resolvability or resolut\$4) same (frequency or readout or read or read-out or "read out") same (direction))	7
<input type="checkbox"/>	L19	L18 and (rate or velocity or speed or accelerat\$4)	12
<input type="checkbox"/>	L18	L17 and ((variable same density) or VDS or ((chang\$4 or alter\$3 or adjust\$3 or modif\$3) same density))	13
<input type="checkbox"/>	L17	L16 and (measure or measurement or value or number or amount or level or measur\$3 or linear or equation)	58
<input type="checkbox"/>	L16	L15 and (pixel or voxel or ((volume or picture) same element))	58
<input type="checkbox"/>	L15	L14 and (path or trajectory or profil\$4 or rout\$3 or direction)	75
<input type="checkbox"/>	L14	L13 and (gradient)	77
<input type="checkbox"/>	L13	L12 and ((calibrat\$4 or reference or preliminary or prescan\$4 or pre-scan\$4 or trial or base or index or "look up" or look-up or LUT or first or initial\$2) same (imag\$4))	81

┐	L12	L11 and ((space or spatial or spatially) same (resolv\$4 or resolvability or resolut\$4) same (field-of-view or "field of view" or FOV))	81
┐	L11	L10 and ((coil or antenna or probe or winding) same (sensitive or sensitivity or sense) same (imag\$4))	141
┐	L10	L9 and ((space or spatial or spatially) same (resolv\$4 or resolvability or resolut\$4) same (frequency or readout or read or read-out or "read out"))	151
┐	L9	L8 and (space or spatial or spatially)	422
┐	L8	L7 and ((intermediat\$3 or middle or second or secondary or middle or "inbetween" or additional\$2 or auxiliary or auxilliary or separate or individual\$2) same (imag\$4))	446
┐	L7	L6 and (frequency or readout or read or read-out or "read out")	452
┐	L6	L5 and (resolv\$4 or resolvability or resolut\$4)	477
┐	L5	L4 and (field-of-view or "field of view" or FOV)	631
┐	L4	L3 and ((coil or antenna or probe or winding) same (sensitive or sensitivity or sense))	12977
┐	L3	L2 and (sensitive or sensitivity or sense)	39412
┐	L2	L1 and (coil or antenna or probe or winding)	68675
┐	L1	((magnetic adj resonan\$2) or MRI or NMR)	250034

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 12 of 12 returned.

☐ 1. Document ID: US 20070015995 A1

L19: Entry 1 of 12

File: PGPB

Jan 18, 2007

PGPUB-DOCUMENT-NUMBER: 20070015995

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070015995 A1

TITLE: Joint and cartilage diagnosis, assessment and modeling

PUBLICATION-DATE: January 18, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lang; Philipp	Lexington	MA	US
Steines; Daniel	Palo Alto	CA	US
Alexander; Eugene J.	San Clemente	CA	US
Andriacchi; Thomas P.	Los Altos Hills	CA	US

US-CL-CURRENT: [600/407](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
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☐ 2. Document ID: US 20060208730 A1

L19: Entry 2 of 12

File: PGPB

Sep 21, 2006

PGPUB-DOCUMENT-NUMBER: 20060208730

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060208730 A1

TITLE: K-t blast and k-t sense magnetic resonance imaging

PUBLICATION-DATE: September 21, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kozerke; Sebastian	Heddingen	MA	CH
Tsao; Jeffrey	Brookline		US
Boesiger; Peter	Ennetbaden		CH
Pruessmann; Klaas	Zurich		CH

US-CL-CURRENT: [324/307](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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3. Document ID: US 20050212517 A1

L19: Entry 3 of 12

File: PGPB

Sep 29, 2005

PGPUB-DOCUMENT-NUMBER: 20050212517

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050212517 A1

TITLE: Reduction of susceptibility artifacts in subencoded single-shot magnetic resonance imaging

PUBLICATION-DATE: September 29, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jaermann, Thomas	Zurich		CH
Pruessmann, Klaas Paul	Zurich		CH
Weiger, Markus	Kressborn		CH
Schmidt, Conny Frauke	Zurich		CH
Boesiger, Peter	Ennetbaden		CH

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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4. Document ID: US 20050189942 A1

L19: Entry 4 of 12

File: PGPB

Sep 1, 2005

PGPUB-DOCUMENT-NUMBER: 20050189942

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050189942 A1

TITLE: Prior-information-enhanced dynamic magnetic resonance imaging

PUBLICATION-DATE: September 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Tsao, Jeffrey	Basel		CH
Pruessmann, Klaas Paul	Zurich		CH
Boesiger, Peter	Ennetbaden		CH

US-CL-CURRENT: 324/310; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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☐ 5. Document ID: US 20040167390 A1

L19: Entry 5 of 12

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040167390

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040167390 A1

TITLE: Assessing the condition of a joint and devising treatment

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Alexander, Eugene J.	Palo Alto	CA	US
Andriacchi, Thomas P.	Los Altos Hills	CA	US
Lang, Philipp	Redwood City	CA	US
Steines, Daniel	Palo Alto	CA	US

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 6. Document ID: US 20040044280 A1

L19: Entry 6 of 12

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040044280

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040044280 A1

TITLE: Methods & apparatus for magnetic resonance imaging

PUBLICATION-DATE: March 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Paley, Martyn	Keighly		GB
Lee, Kuan	Sheffield		GB

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 7. Document ID: US 20020177770 A1

L19: Entry 7 of 12

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020177770

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020177770 A1

TITLE: Assessing the condition of a joint and assessing cartilage loss

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lang, Philipp	Lexington	MA	US
Steines, Daniel	Palo Alto	CA	US

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw Desc	Image
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8. Document ID: US 7184814 B2

L19: Entry 8 of 12

File: USPT

Feb 27, 2007

US-PAT-NO: 7184814

DOCUMENT-IDENTIFIER: US 7184814 B2

TITLE: Assessing the condition of a joint and assessing cartilage loss

DATE-ISSUED: February 27, 2007.

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20020177770 A1	November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lang, Philipp	Lexington	MA		US
Steines, Daniel	Palo Alto	CA		US

US-CL-CURRENT: 600/416; 324/307, 324/309, 382/131

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw Desc	Image
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9. Document ID: US 7005853 B2

L19: Entry 9 of 12

File: USPT

Feb 28, 2006

US-PAT-NO: 7005853

DOCUMENT-IDENTIFIER: US 7005853 B2

TITLE: Prior-information-enhanced dynamic magnetic resonance imaging

DATE-ISSUED: February 28, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050189942 A1	September 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tsao; Jeffrey	Basel			CH
Pruessmann; Klaas Paul	Zurich			CH
Boesiger; Peter	Ennetbaden			CH

US-CL-CURRENT: 324/309; 324/307, 324/318, 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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10. Document ID: US 6980001 B2

L19: Entry 10 of 12

File: USPT

Dec 27, 2005

US-PAT-NO: 6980001

DOCUMENT-IDENTIFIER: US 6980001 B2

TITLE: Methods & apparatus for magnetic resonance imaging

DATE-ISSUED: December 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Paley; Martyn	Keighly			GB
Lee; Kuan	Sheffield			GB

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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11. Document ID: US 6950543 B2

L19: Entry 11 of 12

File: USPT

Sep 27, 2005

US-PAT-NO: 6950543

DOCUMENT-IDENTIFIER: US 6950543 B2

TITLE: Method and system for image reconstruction

DATE-ISSUED: September 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
King; Kevin Franklin	New Berlin	WI		
Angelos; Elisabeth	Hartland	WI		

US-CL-CURRENT: 382/128; 128/922, 345/611, 358/3.26, 382/269

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw Desc	Image
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12. Document ID: US 6556009 B2

L19: Entry 12 of 12

File: USPT

Apr 29, 2003

US-PAT-NO: 6556009

DOCUMENT-IDENTIFIER: US 6556009 B2

**** See image for Certificate of Correction ****TITLE: Accelerated magnetic resonance imaging using a parallel spatial filter

DATE-ISSUED: April 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kellman; Peter	Bethesda	MD		
McVeigh; Elliot	Phoenix	MD		

US-CL-CURRENT: 324/309; 324/307, 324/318, 324/322, 382/260

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw Desc	Image
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Term	Documents
RATE	2897839
RATES	743903
VELOCITY	696735
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VELOCITYS	37
SPEED	3114691
SPEEDS	541915
ACCELERAT\$4	0
ACCELERAT	3794
ACCELERATA	2
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☐ 1. Document ID: US 20060208730 A1

L20: Entry 1 of 7

File: PGPB

Sep 21, 2006

PGPUB-DOCUMENT-NUMBER: 20060208730

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060208730 A1

TITLE: K-t blast and k-t sense magnetic resonance imaging

PUBLICATION-DATE: September 21, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kozerke; Sebastian	Hedingen	MA	CH
Tsao; Jeffrey	Brookline		US
Boesiger; Peter	Ennetbaden		CH
Pruessmann; Klaas	Zurich		CH

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
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☐ 2. Document ID: US 20050212517 A1

L20: Entry 2 of 7

File: PGPB

Sep 29, 2005

PGPUB-DOCUMENT-NUMBER: 20050212517

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050212517 A1

TITLE: Reduction of susceptibility artifacts in subencoded single-shot magnetic resonance imaging

PUBLICATION-DATE: September 29, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jaermann, Thomas	Zurich		CH
Pruessmann, Klaas Paul	Zurich		CH
Weiger, Markus	Kressbonn		CH
Schmidt, Conny Frauke	Zurich		CH
Boesiger, Peter	Ennetbaden		CH

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 3. Document ID: US 20050189942 A1

L20: Entry 3 of 7

File: PGPB

Sep 1, 2005

PGPUB-DOCUMENT-NUMBER: 20050189942

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050189942 A1

TITLE: Prior-information-enhanced dynamic magnetic resonance imaging

PUBLICATION-DATE: September 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Tsao, Jeffrey	Basel		CH
Pruessmann, Klaas Paul	Zurich		CH
Boesiger, Peter	Ennetbaden		CH

US-CL-CURRENT: 324/310; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 4. Document ID: US 20040044280 A1

L20: Entry 4 of 7

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040044280

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040044280 A1

TITLE: Methods & apparatus for magnetic resonance imaging

PUBLICATION-DATE: March 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Paley, Martyn	Keighly		GB
Lee, Kuan	Sheffield		GB

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 5. Document ID: US 7005853 B2

L20: Entry 5 of 7

File: USPT

Feb 28, 2006

US-PAT-NO: 7005853

DOCUMENT-IDENTIFIER: US 7005853 B2

TITLE: Prior-information-enhanced dynamic magnetic resonance imaging

DATE-ISSUED: February 28, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050189942 A1

September 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tsao; Jeffrey	Basel			CH
Pruessmann; Klaas Paul	Zurich			CH
Boesiger; Peter	Ennetbaden			CH

US-CL-CURRENT: 324/309; 324/307, 324/318, 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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6. Document ID: US 6980001 B2

L20: Entry 6 of 7

File: USPT

Dec 27, 2005

US-PAT-NO: 6980001

DOCUMENT-IDENTIFIER: US 6980001 B2

TITLE: Methods & apparatus for magnetic resonance imaging

DATE-ISSUED: December 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Paley; Martyn	Keighly			GB
Lee; Kuan	Sheffield			GB

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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7. Document ID: US 6950543 B2

L20: Entry 7 of 7

File: USPT

Sep 27, 2005

US-PAT-NO: 6950543

DOCUMENT-IDENTIFIER: US 6950543 B2

TITLE: Method and system for image reconstruction

DATE-ISSUED: September 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
King; Kevin Franklin	New Berlin	WI		
Angelos; Elisabeth	Hartland	WI		

US-CL-CURRENT: 382/128; 128/922, 345/611, 358/3.26, 382/269.

Full	Title	Citation	Front	Review	Classification	Date	Reference	382/128	128/922	345/611	358/3.26	382/269	Claims	KIMC	Draw Desc	Image
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Term	Documents
SPACE	3321092
SPACES	570768
SPATIAL	276621
SPATIALS	15
SPATIALLY	116868
SPATIALITIES	0
SPATIALLYS	0
RESOLVABILITY	796
RESOLVABILITIES	8
RESOLVABILITYS	0
FREQUENCY	2184669
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Search Results - Record(s) 1 through 22 of 22 returned.

☐ 1. Document ID: US 7208949 B2

L23: Entry 1 of 22

File: USPT

Apr 24, 2007

US-PAT-NO: 7208949

DOCUMENT-IDENTIFIER: US 7208949 B2

TITLE: Magnetic resonance method with non-linear magnetic field gradients

DATE-ISSUED: April 24, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20060061359 A1

March 23, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fuderer; Miha	Eindhoven			NL

US-CL-CURRENT: 324/309; 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw Desc	Image
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☐ 2. Document ID: US 7197353 B2

L23: Entry 2 of 22

File: USPT

Mar 27, 2007

US-PAT-NO: 7197353

DOCUMENT-IDENTIFIER: US 7197353 B2

TITLE: Sensitivity encoding MRI acquisition method

DATE-ISSUED: March 27, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20030055330 A1

March 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
King; Kevin F.	New Berlin	WI		US
Angelos; Lisa C.	Hartland	WI		US

US-CL-CURRENT: 600/410; 324/306, 324/307, 324/309, 324/314, 324/318, 324/322, 600/407, 600/421, 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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3. Document ID: US 7190164 B2

L23: Entry 3 of 22

File: USPT

Mar 13, 2007

US-PAT-NO: 7190164

DOCUMENT-IDENTIFIER: US 7190164 B2

TITLE: Magnetic resonance imaging involving movement of patient's couch

DATE-ISSUED: March 13, 2007

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050248344 A1	November 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuhara; Shigehide	Otawara			JP

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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4. Document ID: US 7154268 B2

L23: Entry 4 of 22

File: USPT

Dec 26, 2006

US-PAT-NO: 7154268

DOCUMENT-IDENTIFIER: US 7154268 B2

TITLE: Method and apparatus to improve an MRI image using regularization

DATE-ISSUED: December 26, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040207402 A1	October 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kellman; Peter	Bethesda	MD		US
McVeigh; Elliot	Phoenix	MD		US

US-CL-CURRENT: 324/309; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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5. Document ID: US 7123757 B2

L23: Entry 5 of 22

File: USPT

Oct 17, 2006

US-PAT-NO: 7123757

DOCUMENT-IDENTIFIER: US 7123757 B2

TITLE: Motion organized simultaneous acquisition with interactive control for fast real-time navigator guided imaging

DATE-ISSUED: October 17, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20020188191 A1	December 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kolmogorov; Vladimir N.	New York	NY		US
Wang; Yi	Pittsburgh	PA		US
Zabih; Ramin	New York	NY		US

US-CL-CURRENT: 382/128

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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6. Document ID: US 7061238 B2

L23: Entry 6 of 22

File: USPT

Jun 13, 2006

US-PAT-NO: 7061238

DOCUMENT-IDENTIFIER: US 7061238 B2

TITLE: Inherent limitation of the reduction factor in parallel imaging as a function of field strength

DATE-ISSUED: June 13, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050179433 A1	August 18, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wiesinger; Florian	Zurich			CH
Pruessmann; Klaas Paul	Zurich			CH
Boesiger; Peter	Ennetbaden			CH

US-CL-CURRENT: 324/307; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	IMC	Draw Desc	Image
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☐ 7. Document ID: US 7030609 B2

L23: Entry 7 of 22

File: USPT

Apr 18, 2006

US-PAT-NO: 7030609

DOCUMENT-IDENTIFIER: US 7030609 B2

TITLE: Split-blade data collection for propeller MRI

DATE-ISSUED: April 18, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050127912 A1	June 16, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pipe; James G.	Peoria	AZ		US

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	IMC	Draw Desc	Image
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☐ 8. Document ID: US 7005853 B2

L23: Entry 8 of 22

File: USPT

Feb 28, 2006

US-PAT-NO: 7005853

DOCUMENT-IDENTIFIER: US 7005853 B2

TITLE: Prior-information-enhanced dynamic magnetic resonance imaging

DATE-ISSUED: February 28, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050189942 A1	September 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tsao; Jeffrey	Basel			CH
Pruessmann; Klaas Paul	Zurich			CH
Boesiger; Peter	Ennetbaden			CH

US-CL-CURRENT: 324/309; 324/307, 324/318, 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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9. Document ID: US 6992485 B2

L23: Entry 9 of 22

File: USPT

Jan 31, 2006

US-PAT-NO: 6992485

DOCUMENT-IDENTIFIER: US 6992485 B2

TITLE: Method for determining an acceleration factor of a parallel image acquisition in magnetic resonance imaging

DATE-ISSUED: January 31, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050083051 A1	April 21, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Campagna; Swen	Engelthal			DE
Schor; Stefan	Erlangen			DE

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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10. Document ID: US 6949928 B2

L23: Entry 10 of 22

File: USPT

Sep 27, 2005

US-PAT-NO: 6949928

DOCUMENT-IDENTIFIER: US 6949928 B2

TITLE: Parallel MR imaging using high-precision coil sensitivity map

DATE-ISSUED: September 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gonzalez Ballester; Miguel Angel	Nice			FR
Machida; Yoshio	Tochigi			JP

US-CL-CURRENT: 324/307; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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11. Document ID: US 6946836 B2

L23: Entry 11 of 22

File: USPT

Sep 20, 2005

US-PAT-NO: 6946836

DOCUMENT-IDENTIFIER: US 6946836 B2

TITLE: Magnetic resonance imaging involving movement of patient's couch

DATE-ISSUED: September 20, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuhara; Shigehide	Otawara			JP

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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12. Document ID: US 6924643 B2

L23: Entry 12 of 22

File: USPT

Aug 2, 2005

US-PAT-NO: 6924643

DOCUMENT-IDENTIFIER: US 6924643 B2

TITLE: Magnetic resonance imaging using direct, continuous real-time imaging for motion compensation

DATE-ISSUED: August 2, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sussman; Marshall S.	Toronto			CA
Wright; Graham A.	Toronto			CA
Cunningham; Charles H.	Toronto			CA

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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13. Document ID: US 6903551 B2

L23: Entry 13 of 22

File: USPT

Jun 7, 2005

US-PAT-NO: 6903551

DOCUMENT-IDENTIFIER: US 6903551 B2

TITLE: Variable-density parallel magnetic resonance imaging

DATE-ISSUED: June 7, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Madore; Bruno	Brookline	MA		

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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14. Document ID: US 6900631 B2

L23: Entry 14 of 22

File: USPT

May 31, 2005

US-PAT-NO: 6900631

DOCUMENT-IDENTIFIER: US 6900631 B2

TITLE: Synthesized averaging using SMASH

DATE-ISSUED: May 31, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bydder; Mark	London			GB
Larkman; David J.	London			GB
Hajnal; Joseph V.	London			GB

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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15. Document ID: US 6882148 B2

L23: Entry 15 of 22

File: USPT

Apr 19, 2005

US-PAT-NO: 6882148

DOCUMENT-IDENTIFIER: US 6882148 B2

**** See image for Certificate of Correction ****

TITLE: Split-blade data collection for propeller MRI

DATE-ISSUED: April 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pipe; James G.	Peoria	AZ		

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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16. Document ID: US 6876199 B2

L23: Entry 16 of 22

File: USPT

Apr 5, 2005

US-PAT-NO: 6876199

DOCUMENT-IDENTIFIER: US 6876199 B2

TITLE: Method and system for accelerated imaging using parallel MRI

DATE-ISSUED: April 5, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hardy; Christopher Judson	Schenectady	NY		
Dumoulin; Charles Lucian	Ballston Lake	NY		

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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17. Document ID: US 6791323 B2

L23: Entry 17 of 22

File: USPT

Sep 14, 2004

US-PAT-NO: 6791323

DOCUMENT-IDENTIFIER: US 6791323 B2

**** See image for Certificate of Correction ****

TITLE: Method and apparatus for measuring and correcting motion effects using navigator echoes

DATE-ISSUED: September 14, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wang; Yi	Pittsburgh	PA		
Nguyen; Thanh D.	Pittsburgh	PA		

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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18. Document ID: US 6771067 B2

L23: Entry 18 of 22

File: USPT

Aug 3, 2004

US-PAT-NO: 6771067

DOCUMENT-IDENTIFIER: US 6771067 B2

**** See image for Certificate of Correction ****

TITLE: Ghost artifact cancellation using phased array processing

DATE-ISSUED: August 3, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kellman; Peter	Bethesda	MD		
McVeigh; Elliot	Phoenix	MD		

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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☐ 19. Document ID: US 6714010 B2

L23: Entry 19 of 22

File: USPT

Mar 30, 2004

US-PAT-NO: 6714010

DOCUMENT-IDENTIFIER: US 6714010 B2

** See image for Certificate of Correction **

TITLE: Combining unfold with parallel magnetic resonance imaging

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Madore; Bruno	Brookline	MA		

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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☐ 20. Document ID: US 6710686 B2

L23: Entry 20 of 22

File: USPT

Mar 23, 2004

US-PAT-NO: 6710686

DOCUMENT-IDENTIFIER: US 6710686 B2

TITLE: Method for the fast acquisition of a magnetic resonance image

DATE-ISSUED: March 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mertelmeier; Thomas	Erlangen			DE
Oppelt; Arnulf	Spardorf			DE

US-CL-CURRENT: 324/314

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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☐ 21. Document ID: US 6556009 B2

L23: Entry 21 of 22

File: USPT

Apr 29, 2003

US-PAT-NO: 6556009DOCUMENT-IDENTIFIER: US 6556009 B2** See image for Certificate of Correction **

TITLE: Accelerated magnetic resonance imaging using a parallel spatial filter

DATE-ISSUED: April 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kellman; Peter	Bethesda	MD		
McVeigh; Elliot	Phoenix	MD		

US-CL-CURRENT: 324/309; 324/307, 324/318, 324/322, 382/260

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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☐ 22. Document ID: AU 2002227276 A8, WO 200248731 A2, US 20020097050 A1, AU 200227276 A, US 6556009 B2, EP 1342098 A2

L23: Entry 22 of 22

File: DWPI

Oct 13, 2005

DERWENT-ACC-NO: 2002-472016

DERWENT-WEEK: 200611

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TITLE: Accelerated magnetic resonance imaging for obtaining magnetic resonance images of patient by decreasing number of sequential phase encodes to eliminate ghost artifacts in image

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Clip Img	Ima
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